

Great Lakes Binational Toxic Strategy

Information Gathering - PCBs

- 1991 IJC - Program to Restore and Protect the Lake Superior Basin
- 1994 Canada - Ontario Agreement (COA)
- Toxic Substances Management Policy
- Commission for Environmental Cooperation (CEC)

Great Lakes Binational Toxic Strategy

Federal and Provincial Acts - PCBs

- Canadian Environmental Protection Act
- Transportation of Dangerous Goods Act
- Fisheries Act
- Ontario Environmental Protection Act

Great Lakes Binational Toxic Strategy

Ontario Provincial Regulation - PCBs

Storage and Movement - O.Reg. 362

- PCB Waste Storage Requirements
- PCB Waste Movement
 - MOE Director's Instructions
 - MOE Certificate of Approval for Carriers

Great Lakes Binational Toxic Strategy

Federal Storage Regulation - PCBs

1988 - Storage of PCB Material Regulations

- Promulgated under Canadian Environmental Protection Act (CEPA)
- Stipulates - physical requirements
 - reporting requirements
 - addresses equipment shut down for ≥ 6 months

Great Lakes Binational Toxic Strategy

Canadian Challenge - PCBs

High-Level (>1 percent)

- Decommission 90% of High-Level in-service inventory
- Accelerate Destruction of stored High Level waste

By the Year 2000

Great Lakes Binational Toxic Strategy

- **Federal Chlorobiphenyl Regulations**

- Bans the manufacture, sale and the import of PCBs for any use in any product, machinery or equipment
- Controls release of PCBs to the environment

Great Lakes Binational Toxic Strategy

- **Federal Mobile PCB Treatment and Destruction Regulation**
 - Stringent operating and performance requirements for thermo and chemical destruction applications
 - Applies only if the mobile facility is operated under contract with a federal institution or on federal land

Great Lakes Binational Toxic Strategy

- **Transportation of Dangerous Goods Act (TDGA)**
 - Responsibility for Regulating the inter-provincial transportation of PCBs(both as a good and a waste)
 - Transportation within each province is under provincial jurisdiction

Great Lakes Binational Toxic Strategy

- **Ontario Provincial Regulations - PCBs**
 - Regulation 347 - General Waste Regulation
 - Regulation 352 - Mobile PCB Destruction Facilities
 - Regulation 362 - Waste Management (PCBs)

Great Lakes Binational Toxic Strategy

- **Ontario Regulation Reform - PCBs**
 - New proposals to encourage consolidation and treatment/destruction of PCB waste
 - Class II approval for non-incineration mobile PCB waste destruction systems and sites
 - Approvals for consolidation and transfer sites to be consistent with stringent requirements for other hazardous waste
 - Revised Regulation 347 expected in 1998

Great Lakes Binational Toxic Strategy

- **Commission for Environmental Cooperation (CEC)**
- **PCB North American Regional Action Plan (NARAP)**
 - Issued in February, 1997
 - Virtual elimination of PCBs in the environment
 - Sound management throughout life cycle
 - One element of comprehensive mgt. program

Great Lakes Binational Toxic Strategy

PCB Waste Export Regulations

- Promulgated February 1997
- Provides for pre - notification and consent for export of PCB waste for destruction
- US EPA Closed border July 20 1997

Great Lakes Binational Toxic Strategy

- **PCB Accomplishments**
 - **Decommissioning of High-Level PCBs**
 - 4,948 tonnes or 46 % of 1994 baseline of 10,650 tonnes decommissioned
 - **Destruction of High-Level PCB Waste**
 - 5,543 tonnes or 30% of 1994 baseline of 18,614 tonnes destroyed

Great Lakes Binational Toxic Strategy

- **Renewal of CEPA**
 - Pollution Prevention Focus
 - Getting toxic out of the environment
 - Greater citizen participation
 - Improve control of pollutants and waste
 - Improve Federal enforcement
 - Working in Partnership